

## REMARKS/ARGUMENTS

Responsive to the Office Action mailed August 26, 2009:

### I. NON-PRIOR ART MATTERS

#### A. Drawings

Numeral reference 12 for the first optical signal has been added to the replacement sheet.

#### B. Specification and Abstract

A revised Abstract is enclosed herewith. A substitute Specification and a marked-up version are also enclosed.

#### C. All Claims Are Allowable As They Are Rewritten

Claims 1 through 12 should now be allowed as they have been rewritten to overcome the informalities objection and the § 112 rejection.

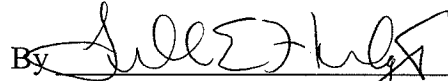
Regarding claim 12, the scope  $E_0$  and  $\alpha$  is contrary to the Examiner's opinion. It is well introduced that  $E_0$  corresponds to the amplitude of the first signal and  $\alpha = \frac{\sqrt{2}}{2}$ .

For the above reasons, Applicant respectfully requests the allowance of all claims and the issuance of a Notice of Allowance.

The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 02-3732.

Respectfully submitted,

Dated: 28 Dec 09

By   
Gerald E. Helget (Reg. No. 30,948)  
Nelson R. Capes (Reg. No. 37,106)  
BRIGGS AND MORGAN, P.A.  
2200 IDS Center, 80 South Eighth Street  
Minneapolis, MN 55402  
Telephone: 612-977-8480  
Facsimile: 612-977-8650